

Regulation on Lithium-ion Batteries for solar container communication stations





Overview

What are the lithium-ion batteries in containers guidelines?

The Lithium-ion Batteries in Containers Guidelines that have just been published seek to prevent the increasing risks that the transport of lithium-ion batteries by sea creates, providing suggestions for identifying such risks and thereby helping to ensure a safer supply chain in the future.

What is the ICAO guidance document for lithium ion batteries?

Battery Guidance Document Transport of Lithium Metal, Lithium Ion and Sodium Ion Batteries Revised for the 2025 Regulations Introduction This document is based on the provisions set out in the 2025-2026 Edition of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air (Technical Instructions) and the 66 th.

When should lithium ion cells & batteries be offered for transport?

It is recommended that lithium-ion cells and batteries (Section I & II) are offered for transport at a state of charge not exceeding 30% of their rated capacity. From 1 January 2026 Section I Lithium-ion cells and batteries must be offered for transport at a state of charge not exceeding 30% of their rated capacity.

What are the limitations of lithium ion batteries?

Key Restrictions: Capacity limits: Lithium-ion cells $\leq 20\text{Wh}$; lithium-metal cells $\leq 1\text{g}$ lithium content. State of Charge (SOC): Must be $\leq 30\%$ during transport. Sodium battery regulations: Sodium-ion batteries must pass UN38.3 tests and follow new classification and packaging guidelines.



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Understand 2025 lithium battery transportation rules, including packaging, labeling, and compliance to ensure safe and legal shipping across all modes.

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CINS

Mar 23, 2023 · CINS - Lithium-Ion Batteries in Containers Guidelines Safe Carriage of Lithium Ion Batteries These Guidelines produced by the global carrier CINS Network is intended to ...

Cargo Container Guidelines

May 11, 2023 · While the Guideline addresses the general classification and regulation for the testing and carriage of lithium-ion batteries, as defined in the UNECE 2021 testing criteria and ...

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Jun 30, 2025 · In response to the growing risks associated with the maritime transport of lithium-ion cells, the Cargo Incident Notification System (CINS), has released a comprehensive set of ...

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Requirements for Shipping Lithium Batteries 2025

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Battery guidance document

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